

# Network Video Recorder Version: V3.4.96 build171106 Release Note

	Firmware Version:	V3.4.96 build171106		
Firmware Basic Information	SDK Version:	V5.3.1.25		
	ONVIF Protocol:	ONVIF V2.5.0		
	Ultra CMS	v2.6.1.50 Build170123		

## Reason of Upgrade

Add and optimize functions for better performance.

## Firmware Upgrade

### **New Features**

- 1. [System Service]
  - (1) Delete PSIA server/client protocol;
  - (2) User can disable/enable RTSP protocol (only valid for server mode when client receives stream from NVR) and choose RTSP authentication type between digest and digest &basic;
  - (3) User can disable/enable ISAPI protocol;
  - (4) User can disable/enable HTTP protocol and choose HTTP authentication type between digest and digest &basic;



(5) User can disable/enable SADP protocol;

System Maintenance					
<ul> <li>System Info</li> </ul>	m Info System Service ONVIF IP Camera Activation				
호 Log Information	Enable RTSP	<b>9</b>			
>> Import/Export	RTSP Authentication Type Enable ISAPI	digest		~	
t Upgrade	Enable HTTP				
	HTTP Authentication Type	digest		~	
d Default	Enable SADP Enable IP Camera Occup				
🖧 Net Detect	Enable IP Camera Occup			<u>d</u> ,	
⊘ HDD Detect					
System Service >					
♠ Live View			Apply	Back	

(6) User can disable/enable IP camera occupation detection, when this function is enabled, NVR will detect whether IP camera is already connected to other device/client.



(7) NVR's device parameters will be encrypted by user's custom encrypt key, encrypt key is required when user imports it;

Upgrade & Maintenance	Log		
Reboot			
Reboot	Reboot the device.		
Default		File Encryption Configuration	×
Restore	Reset all the para		settings.
Default	Restore all param	Input the encryption password.(1 to 16 characters)	
Export			
Device Parameters		Confirm	
IP Camera Paramete	rs		
Import Config. File			
Device Parameters		OK Cancel	mport
Status		OK	
IP Camera Parameters		Browse	
Status			



- (8) Exported IP camera parameters no longer contain IP camera password;
- (9) Hik-Connect stream encryption function is opened by default.

#### 2. [ONVIF]

User can disable/enable ONVIF protocol, create independent account for ONVIF server service.

System Maintenance							
System Info	System	Service ONVIF	IP Camera Activ	vation			
ල් Log Information	Enabl	e ONVIF					
	No.	User Name		Security	Level	Edit	Delete
►>> Import/Export	1	1 onvif		Weak Password	Media User		<b>n</b>
🖠 Upgrade							
😅 Default							
చ్ Net Detect							
System Service >							

#### 3. [IP Camera Activation]

In previous version, NVR uses admin password to activate IP camera. From this new version, users can set IP camera activation password independently which is not required to be same with admin password.

System Maintenance				
System Info	System Service	ONVIF	IP Camera Activation	
Log Information	Change Passwo		<b>-</b>	
⊶ Import/Export				
± Upgrade				
😅 Default				
🖧 Net Detect				
Ø HDD Detect				
System Service >				



## **Optimization**

### 1. [Guarding Vision]

Reduce time to respond stream request from Guarding Vision server, user will get live view more quickly on Guarding Vision app.

## **Customer Impact and Recommended Action**

This new firmware upgrade is to improve product performance, and will take effect automatically after upgrading from previous versions. We'd like to inform you the above changes. Also, we are sorry for any possible inconvenience of use-habit changes caused by this action.

For questions or concerns, please contact our local technical support team.

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